Thinking of you
Electrolux

EGU6647 **EN** HOB USER MANUAL

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CUSTOMER CARE AND SERVICE

Always use original spare parts.
When contacting our Authorised Service Centre, ensure that you have the following data available: Model, PNC, Serial Number.
The information can be found on the rating plate.

Warning / Caution-Safety information

General information and tips

Environmental information

Subject to change without notice.

1. ⚠ SAFETY INFORMATION

Before the installation and use of the appliance, carefully read the supplied instructions. The manufacturer is not responsible if an incorrect installation and use causes injuries and damages. Always keep the instructions with the appliance for future reference.

1.1 Children and vulnerable people safety

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Do not let children play with the appliance.
- Keep all packaging away from children.
- Keep children and pets away from the appliance when it operates or when it cools down. Accessible parts are hot.
- If the appliance has a child safety device, we recommend you activate it.
- Cleaning and user maintenance shall not be made by children without supervision.
- Children of less than 3 years should be kept away unless continuously supervised.

1.2 General Safety

- The appliance and its accessible parts become hot during use. Do not touch the heating elements.
- Do not operate the appliance by means of an external timer or separate remote-control system.
- Unattended cooking on a hob with fat or oil can be dangerous and may result in fire.
- Never try to extinguish a fire with water, but switch off the appliance and then cover flame e.g. with a lid or a fire blanket.
- Do not store items on the cooking surfaces.

- Metallic objects such as knives, forks, spoons and lids should not be placed on the hob surface since they can get hot.
- Do not use a steam cleaner to clean the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, an authorized Service or similarly qualified persons in order to avoid a hazard.
- Where the appliance is directly connected to the power supply, an all-pole isolating switch with a contact gap is required. Complete disconnection in compliance with the conditions specified in overvoltage category III must be guaranteed. The earth cable is excluded from this.
- When you route the mains cable, make sure that the cable doesn't come into direct contact (for example using insulating sleeving) with parts that can reach temperatures of more than 50°C above room temperature.

2. SAFETY INSTRUCTIONS

This appliance is suitable for the following markets: GB

2.1 Installation

WARNING!
Only a qualified person must install this appliance. Prior to installation, ensure that the local distribution conditions (nature of the gas and gas pressure) and the adjustment of the appliance are compatible.

- Remove all the packaging.
- Do not install or use a damaged appliance.
- Obey the installation instruction supplied with the appliance.
- Keep the minimum distance from the other appliances and units.
- Always be careful when you move the appliance because it is heavy. Always wear safety gloves.
- Seal the cut surfaces with a sealant to prevent moisture to cause swelling.
- Protect the bottom of the appliance from steam and moisture.
- Do not install the appliance adjacent to a door or under a window. This prevents hot cookware to fall from the appliance when the door or the window is opened.
- If the appliance is installed above drawers make sure that the space, between the bottom of the appliance and the upper drawer, is sufficient for air circulation.
- The bottom of the appliance can get hot. Make sure to install a non-combustile separation panel under the appliance to prevent access to the bottom.

2.2 Electrical Connection

WARNING!
Risk of fire and electrical shock.

- All electrical connections should be made by a qualified electrician.
- The appliance must be earthed.

- Before carrying out any operation make sure that the appliance is disconnected from the power supply.
- Make sure that the electrical information on the rating plate agrees with the power supply. If not, contact an electrician.
- Make sure the appliance is installed correctly. Loose and incorrect electricity mains cable or plug (if applicable) can make the terminal become too hot.
- Use the correct electricity mains cable.
- Do not let the electricity mains cable tangle.
- Make sure that a shock protection is installed.
- Use the strain relief clamp on the cable.
- Make sure the mains cable or plug (if applicable) does not touch the hot appliance or hot cookware, when you connect the appliance to the near sockets
- Do not use multi-plug adapters and extension cables.
- Make sure not to cause damage to the mains plug (if applicable) or to the mains cable. Contact an Authorised Service Centre or an electrician to change a damaged mains cable.
- The shock protection of live and insulated parts must be fastened in such a way that it cannot be removed without tools.
- Connect the mains plug to the mains socket only at the end of the installation. Make sure that there is access to the mains plug after the installation.
- If the mains socket is loose, do not connect the mains plug.
- Do not pull the mains cable to disconnect the appliance. Always pull the mains plug.
- Use only correct isolation devices: line protecting cut-outs, fuses (screw type fuses removed from the holder), earth leakage trips and contactors.
- The electrical installation must have an isolation device which lets you disconnect the appliance from the mains at all poles. The isolation device must have a contact opening width of minimum 3 mm.

2.3 Gas connection

- All gas connections should be made by a qualified person.
- Before installation, make sure that the local distribution conditions (nature of the gas and gas pressure) and the adjustment of the appliance are compatible.
- Make sure that there is air circulation around the appliance.
- The information about the gas supply is on the rating plate.
- This appliance is not connected to a device, which evacuates the products of combustion. Make sure to connect the appliance according to current installation regulations. Pay attention to requirements regarding adequate ventilation.

2.4 Use



WARNING!
Risk of injury, burns and electrical shock. The use of inappropriate hob guards can cause accidents.

- Remove all the packaging, labelling and protective film (if applicable) before first use.
- Use this appliance in a household environment.
- Do not change the specification of this appliance.
- Make sure that the ventilation openings are not blocked.
- Do not let the appliance stay unattended during operation.
- Set the cooking zone to “off” after each use.
- Do not put cutlery or saucepan lids on the cooking zones. They can become hot.
- Do not operate the appliance with wet hands or when it has contact with water.
- Do not use the appliance as a work surface or as a storage surface.
- When you place food into hot oil, it may splash.



WARNING!
Risk of fire and explosion

- Fats and oil when heated can release flammable vapours. Keep flames or heated objects away from fats and oils when you cook with them.
- The vapours that very hot oil releases can cause spontaneous combustion.
- Used oil, that can contain food remnants, can cause fire at a lower temperature than oil used for the first time.
- Do not put flammable products or items that are wet with flammable products in, near or on the appliance.

WARNING!
Risk of damage to the appliance.

- Do not keep hot cookware on the control panel.
- Do not let cookware to boil dry.
- Be careful not to let objects or cookware fall on the appliance. The surface can be damaged.
- Do not activate the cooking zones with empty cookware or without cookware.
- Do not put aluminium foil on the appliance.
- Use only stable cookware with the correct shape and diameter larger than the dimensions of the burners.
- Make sure the flame does not go out when you quickly turn the knob from the maximum to the minimum position.
- Use only the accessories supplied with the appliance.
- Do not install a flame diffuser on the burner.
- The use of a gas cooking appliance results in the production of heat and moisture. Provide good ventilation in the room where the appliance is installed.
- Prolonged intensive use of the appliance may call for additional ventilation, for example opening of a window, or more effective ventilation, for example increasing the level of mechanical ventilation where present.
- This appliance is for cooking purposes only. It must not be used for other purposes, for example room heating.
- Do not let acid liquids, for example vinegar, lemon juice or limescale remover, touch the hob. This can cause matt patches.

2.5 Care and cleaning

- Clean regularly the appliance to prevent the deterioration of the surface material.
- Deactivate the appliance and let it cool down before you clean it.
- Disconnect the appliance from the electrical supply before maintenance.
- Do not use water spray and steam to clean the appliance.
- Clean the appliance with a moist soft cloth. Only use neutral detergents. Do not use abrasive products, abrasive cleaning pads, solvents or metal objects.

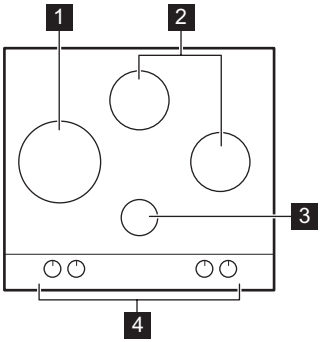
2.6 Disposal

WARNING!
Risk of injury or suffocation.

- Contact your municipal authority for information on how to discard the appliance correctly.
- Disconnect the appliance from the mains supply.
- Cut off the mains cable and discard it.
- Flat the external gas pipes.

3. PRODUCT DESCRIPTION

3.1 Cooking surface layout



1 Rapid burner
2 Semi-rapid burner
3 Auxiliary burner
4 Control knobs

3.2 Control knob

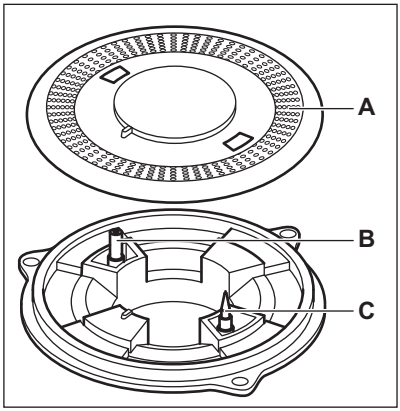
Symbol	Description
●	no gas supply / off position

Symbol	Description
✱	ignition position / maximum gas supply
🔥	minimum gas supply

4. DAILY USE

WARNING!
Refer to Safety chapters.

4.1 Burner overview



A) Flame spreader
B) Ignition candle
C) Thermocouple

4.2 Ignition of the burner

Always light the burner before you put on the cookware.

WARNING!
Do not light the burner when the flame spreader is removed.

WARNING!
Be very careful when you use open fire in the kitchen environment. The manufacturer declines any responsibility in case of the flame misuse.

1. Push the control knob down and turn it counterclockwise to the maximum gas supply position ().
2. Keep the control knob pushed for equal or less than 10 seconds. This lets the thermocouple warm up. If not, the gas supply is interrupted.
3. Adjust the flame after it is regular.

If after some tries the burner does not light, check if the flame spreader is in correct position.

WARNING!
Do not keep the control knob pushed for more than 15 seconds. If the burner does not light after 15 seconds, release the control knob, turn it into off position and try to light the burner again after minimum 1 minute.

CAUTION!
In the absence of electricity you can ignite the burner without electrical device; in this case approach the burner with a flame, turn the control knob counter-clockwise to maximum gas supply position and push it down. Keep the control knob pushed for equal or less than 10 seconds to let the thermocouple warm up.

If the burner accidentally goes out, turn the control knob to the off position and try to light the burner again after minimum 1 minute.

The spark generator can start automatically when you switch on the mains, after installation or a power cut. It is normal.

The hob is supplied with the progressive valves. They make the flame regulation more precise.

4.3 Turning the burner off

To put the flame out, turn the knob to the off position ●.

WARNING!
Always turn the flame down or switch it off before you remove the pans from the burner.

5. HINTS AND TIPS

WARNING!
Refer to Safety chapters.

5.1 Cookware

CAUTION!
Do not use cast iron pans, potstones, earthenware, grill or toaster plates. The stainless steel can become tarnished if it is too much heated.

WARNING!
Do not put the same pan on two burners.

WARNING!
Do not put unstable or damaged pots on the burners to prevent from spill and injury.

CAUTION!
Make sure that the bottoms of pots do not stand above the control knobs, otherwise the flame heats the control knobs up.

CAUTION!
Make sure that pot handles are not above the front edge of the cooktop.

CAUTION!
Make sure that the pots are placed centrally on the burners in order to get maximum stability and to get lower gas consumption.

5.2 Energy saving

- If it is possible, always put the lids on the cookware.
- When the liquid starts to boil, turn down the flame to barely simmer the liquid.

5.3 Diameters of cookware

Use cookware with diameters applicable to the size of burners.

Burner	Diameter of cookware (mm)
Rapid	180 - 260
Semi-rapid (rear)	140 - 180
Semi-rapid (right)	140 - 260
Auxiliary	100 - 160

6. CARE AND CLEANING

WARNING!
Refer to Safety chapters.

6.1 General information

- Clean the hob after each use.
- Always use cookware with clean bottom.
- Scratches or dark stains on the surface have no effect on how the hob operates.
- Use a special cleaner applicable for the surface of the hob.
- Wash stainless steel parts with water, and then dry them with a soft cloth.

6.2 Pan supports

The pan supports are not resistant to washing in a dishwasher. They must be washed by hand.

1. Remove the pan supports to easily clean the hob.

Be very careful when you replace the pan supports to prevent the hob top from damage.

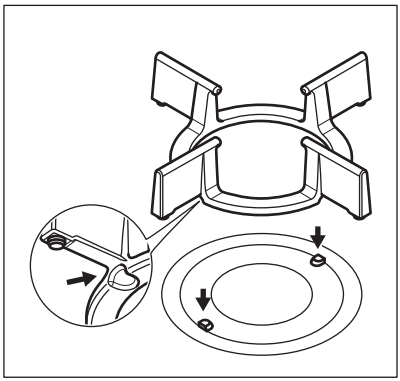
2. The enamel coating occasionally can have rough edges, so be careful when you wash the pan supports by hand

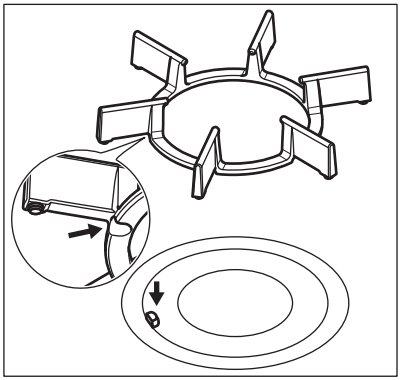
and dry them. If necessary, remove stubborn stains with a paste cleaner.

3. After you clean the pan supports, make sure that they are in correct positions.
4. For the burners to operate correctly make sure that the arms of the pan supports are aligned with the centre of the burner.

6.3 Removing pan supports

After cleaning hobs, make sure that pan supports are in a correct position. In order to properly place the pan supports, make sure that an arm of the pan support is positioned in correspondence with the grips placed at the base of the burner as shown in the picture. This way, the pan support will be stable and fixed.





6.4 Cleaning the hob

- **Remove immediately:** melted plastic, plastic foil, and food with sugar. If not, the dirt can cause damage to the hob.
- **Remove when the hob is sufficiently cool:** limescale rings, water rings, fat stains, shiny metallic discoloration. Clean the hob with a moist cloth and some detergent. After cleaning, rub the hob dry with a soft cloth.

6.5 Cleaning the flame spreader

You can wash the flame spreaders in a dishwasher.

WARNING!
Let the flame spreaders cool down before you clean them.

Light stains:
Wash the flame spreader with warm water and soap and dry it with a soft cloth.

Medium stains:
Use the dishwasher. Place the flame spreader on the bottom rack in a flat position, with the top side up.

Heavy stains:
Clean the flame spreader with warm water and soap, then wash it in the dishwasher. If the stain is still present wash the top of the flame spreader with a grill cleaner and run through the dishwasher again.

Use a toothpick to clean the holes of the flame spreader.

6.6 Cleaning the spark plug

This feature is obtained through a ceramic ignition candle with a metal electrode. Keep these components well clean to prevent difficult lighting and check that the burner crown holes are not obstructed.

6.7 Periodic maintenance

Speak to your local Authorised Service Centre periodically to check the conditions of the gas supply pipe and the pressure adjuster, if fitted.

7. TROUBLESHOOTING

WARNING!
Refer to Safety chapters.

7.1 What to do if...

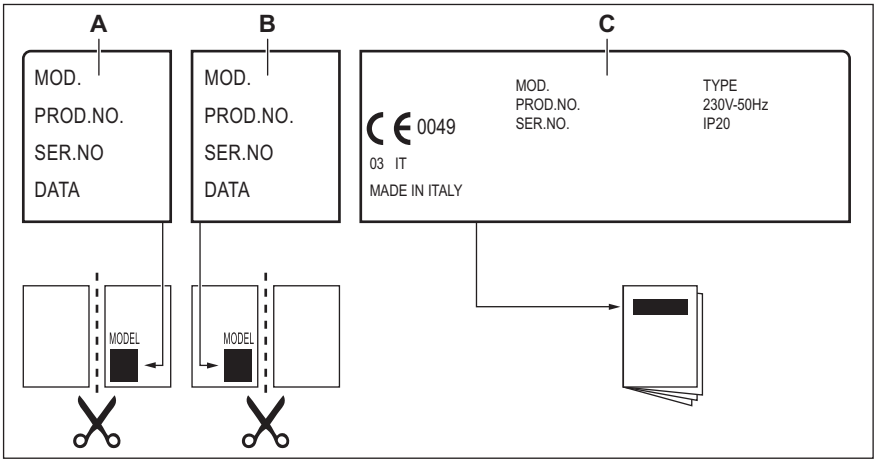
Problem	Possible cause	Remedy
There is no spark when you try to activate the spark generator.	The hob is not connected to an electrical supply or it is connected incorrectly.	Check if the hob is correctly connected to the electrical supply.
	The fuse is released.	Make sure that the fuse is the cause of the malfunction. If the fuse releases again and again, contact a qualified electrician.
	Flame spreader is placed incorrectly.	Place the flame spreader correctly.
The flame extinguishes immediately after ignition.	Thermocouple is not heated up sufficiently.	After lightning the flame, keep the knob pushed for equal or less than 10 seconds.
The flame ring is uneven.	Flame spreader holes are blocked with food residues.	Make sure that the flame spreader is clean.

7.2 If you cannot find a solution...

If you cannot find a solution to the problem yourself, contact your dealer or an Authorised Service Centre. Give the data from the rating plate. Make sure, you operated the hob correctly. If not the servicing by a service technician or dealer will not be free of charge, also during the warranty period. The instructions about the Service Centre and conditions of guarantee are in the guarantee booklet.

7.3 Labels supplied with the accessories bag

Stick the adhesive labels as indicated below:



A) Stick it on Guarantee Card and send this part (if applicable).
B) Stick it on Guarantee Card and keep this part (if applicable).
C) Stick it on instruction booklet.

8. INSTALLATION

WARNING!
Refer to Safety chapters.

8.1 Before the installation

Before you install the hob, write down the information bellow from the rating plate. The rating plate is on the bottom of the hob.

Model .....
PNC .....
Serial number .....

8.2 Important safety requirements

This hob must be installed in accordance with the Gas Safety (Installation and Use) Regulations (Current Edition) and the IEE Wiring Regulations (Current Edition).

For appliances installed in the Republic of Ireland please refer to NSAI- Domestic Gas Installation I.S. 813 Current Editions and the ETCI Rules for Electrical Installations.

Provision for ventilation
Detailed recommendations are contained in the following British Standards Codes Of Practice: B.S. 6172/B.S. 5440, Par. 2 and B.S. 6891 Current Editions.

The hob should not be installed in a bed sitting room with a volume of less than 20 m^3. If it is installed in a room of volume less than 5 m^3 an air vent of effective area of 100 cm^2 is required. If it is installed in a room of volume between 5 m^3 and 10 m^3 an air vent of effective area of 50 cm^2 is required, while if the volume exceeds 11 m^3 no air vent is required.

However, if the room has a door which opens directly to the outside no air vent is

required even if the volume is between 5 m^3 and 11 m^3.

If there are other fuel burning appliances in the same room, B.S. 5440 Part 2 Current Edition, should be consulted to determine the requisite air vent requirements.

For appliances installed in the Republic of Ireland please refer to the NSAI- Domestic Gas Installation I.S. 813 Current Editions Table Four.

Location
The hob may be located in a kitchen, a kitchen/diner or bed sitting room (with a volume greater than 20 m^3), but not in a bathroom or shower room.

The minimum distance combustible material can be fitted above the hob in line with the edges of the hob is 400 mm. If it is fitted below 400 mm a space of 50 mm must be allowed from the edges of the hob.

For appliances installed in the Republic of Ireland please refer to NSAI- Domestic Gas Installation I.S 813 Current Edition Section 7- Permitted Locations of Appliance.

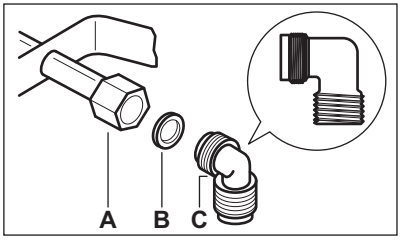
8.3 Gas Connection

WARNING!
Any gas installation must be carried out by a GAS SAFE REGISTER installer.

Make sure that, once the hob is installed, it is easily accessible for the engineer in the event of a breakdown.

The manufacturer will not accept liability, should the above instructions or any of the other safety instructions incorporated in this instruction booklet be ignored.

On the end of the shaft, which includes the G 1/2" threaded elbow, adjustment is fixed so that the washer is fitted between the components as shown in the diagram. Screw the parts together without using excessive force.



A) End of shaft with nut
B) Washer
C) Elbow
Connection to the gas supply should be with either rigid or semi-rigid pipe, i.e. steel or copper.

The connection should be suitable for connecting to R 1/2 (1/2 BSP male thread).

When the final connection has been made, it is essential that a thorough leak test is carried out on the hob and installation.

Make sure that the main connection pipe does not exert any strain on the hob.

If you use flexible metal pipes make sure that they agree to ISO 10380 and ISO 10807 standards. Be careful they do not come in touch with mobile parts or they are not squeezed. Also be careful when the hob is put together with an oven.

CAUTION!
It is important to install the elbow correctly, with the shoulder on the end of the thread, fitted to the hob connecting pipe.

CAUTION!
Failure to ensure the correct assembly will cause leakage of gas.

CAUTION!
Make sure that the gas supply pressure of the appliance obeys the recommended values.

Rigid connection:
Carry out connection by using metal rigid pipes (copper with mechanical end).

8.4 Electrical connection

- Do not pull the mains cable to disconnect the appliance. Always pull the mains plug (if applicable).
- The appliance must not be connected with an extension cable, an adapter or a multiple socket. There is a risk of fire.
- Do not let the power cable to heat up to a temperature of more than 90° C. The cable should be guided by means of clamps fixed to the side of the cabinet, in order to avoid any contact with the equipment beneath the cooktop.
- Make sure that there is access to the mains plug after the installation.

Electrical Requirements
Permanent electrical installation must agree with the latest I.E.E. Regulations and local Electricity Board regulations. For your own safety the installation must be done by a qualified electrician (e.g. your local Electricity Board, or a contractor who is on the roll of the National Inspection Council for Electrical Installation Contracting [NICEIC]).

The manufacturer refuses to be held responsible, if these safety measures are not abided by.

Supply connections
This hob has to be connected to 230 — 240 V (50 Hz) electricity supply.

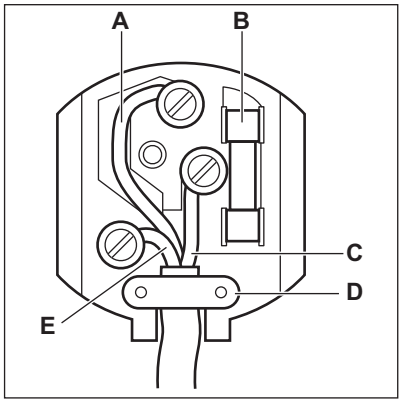
The hob has a terminal block which is marked as follows:

- **L** — Live terminal
- **N** — Neutral terminal
- ⏚ or **E** — Earth terminal

Before carrying out the connection, make sure:

1. The limiter valve and the electrical system can take the appliance load (see the rating plate)
2. The supply system is equipped with an efficient earth connection in compliance with the current standards and regulations
3. The outlet or omnipolar switch used for connection is easily accessible with the appliance installed.

The appliance is supplied with a 3 core flexible power cable with a 3 amp plug. If it is necessary to change the fuse, use a 3 amp ASTA-approved (BS 1362) fuse.



A) Green and Yellow
B) 3 amp fuse
C) Brown
D) Cord clamp
E) Blue

The wires in the cord are coloured as follows:

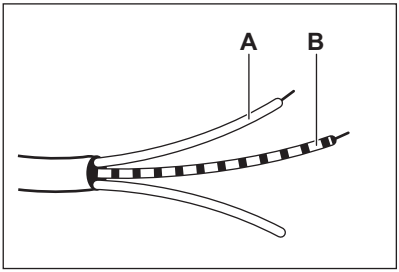
Green and yellow	- Earth
Blue	- Neutral
Brown	- Live

WARNING!
A cut off plug inserted into a 13 amp socket is a serious shock hazard. Ensure that the cut off plug is disposed of safely.

8.5 Replacement of the connection cable

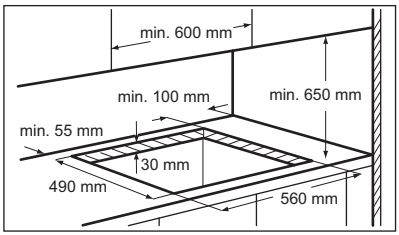
The replacement of electric cable must be carried out exclusively by the service force centre or by personnel with similar competencies, in accordance with the current regulations.

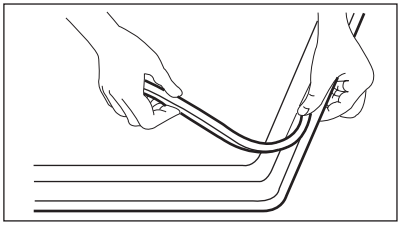
To replace the connection cable use only H05SS-F T180 or equivalent type. Make sure that the cable section is applicable to the voltage load and the working temperature. The yellow/ green earth wire (B) must be approximately 2 cm longer than the live and neutral wire (A).

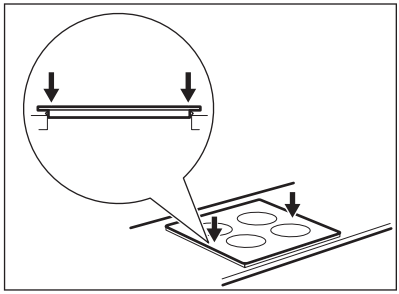


1. Connect the green and yellow (earth) wire to the terminal which is marked with the letter 'E', or the earth symbol ⏚, or coloured green and yellow.
2. Connect the blue (neutral) wire to the terminal which is marked with the letter 'N' or coloured blue.
3. Connect the brown (live) wire to the terminal which is marked with the letter 'L'. It must always be connected to the network phase. There must be no cut or stray strands of wire present. The cord clamp must be correctly attached to the outer sheath.

8.6 Building In







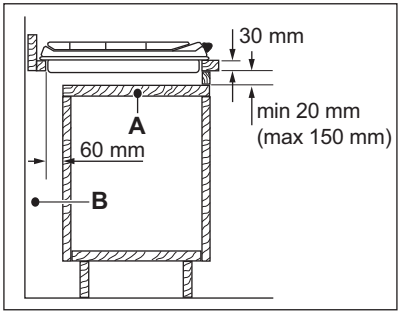
CAUTION!
Install the appliance only on a worktop with flat surface.

8.7 Possibilities for insertion

The panel installed below the hob must be easy to remove and let an easy access in case a technical assistance intervention is necessary.

The burner flame may be extinguished by an air flow, if the removable panel is not installed. The air flow may occur when you open or close the cabinet door or drawer.

Kitchen unit with door

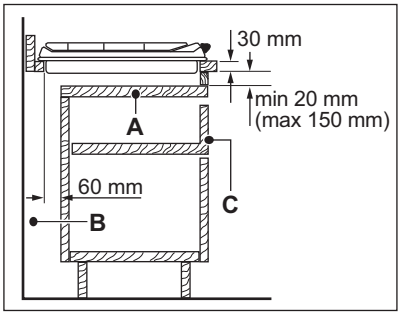


A) Removable panel
B) Space for connections

Kitchen unit with oven

The electrical connection of the hob and the oven must be installed separately for safety reasons and to let easy remove oven from the unit.

Kitchen unit with drawer



A) Removable panel
B) Space for connections
C) Drawer

9. TECHNICAL INFORMATION

9.1 Hob dimensions

Width	595 mm
Depth	525 mm

9.2 Bypass diameters

BURNER	**Ø BYPASS 1/100 mm**
Rapid	56
Semi-rapid	42
Auxiliary	34

9.3 Other technical data

TOTAL POWER:	Gas original:	G20 (2H) 20 mbar = 7,9 kW
Electric supply:	230 V ~ 50 Hz 3 core flexible cable with non rewireable plug fitted with a 3 amp cartridge fuse	
Appliance category:	I2H	
Gas connection:	R 1/2"	
Appliance class:	3	

9.4 Gas burners for NATURAL GAS G20 20 mbar

BURNER	**NORMAL POWER kW**	**MINIMUM POWER kW**	**INJECTOR MARK 1/100 mm**
Rapid	2,9	1,2	120B
Semi-rapid	2,0	0,75	102
Auxiliary	1,0	0,5	73F

10. ENVIRONMENTAL CONCERNS

Recycle the materials with the symbol ♺. Put the packaging in applicable containers to recycle it. Help protect the environment and human health and to recycle waste of electrical and electronic appliances. Do not dispose appliances marked with the symbol with the household waste. Return the product to your local recycling facility or contact your municipal office.

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